

### FEATURES

- Vented cast aluminum chassis for optimum strength and low compression
- Geometrically reinforced aluminum cone for optimum piston operation and reduced break-up.
- Soft low damping rubber surround for improved transient response
- Non-conducting fibre glass voice coil former for minimum damping
- Extended copper sleeve on pole piece for low inductance and low distortion
- CCAW voice coil for reduced moving mass
- Long life silver lead wires
- Vented pole piece for reduced compression

### Specs :

Nominal Impedance	4 Ω	Free air resonance, Fs	35 Hz
DC resistance, Re	3.1 Ω	Sensitivity (2.83 V / 1 m)	88.5 dB
Voice coil inductance, Le	0.12 mH	Mechanical Q-factor, Qms	5.65
Effective piston area, Sd	82 cm <sup>2</sup>	Electrical Q-factor, Qes	0.32
Voice coil diameter	30.5 mm	Total Q-factor, Qts	0.30
Voice coil height	15 mm	Moving mass incl.air, Mms	10.8 g
Air gap height	5 mm	Force factor, Bl	4.8 Tm
Linear coil travel (p-p)	10 mm	Equivalent volume, Vas	18.3 liters
Magnetic flux density	1.0 T	Compliance, Cms	1.91 mm/N
Magnet weight	0.54 kg	Mechanical loss, Rms	0.42 kg/s
Net weight	1.46 kg	Rated power handling*	50 W

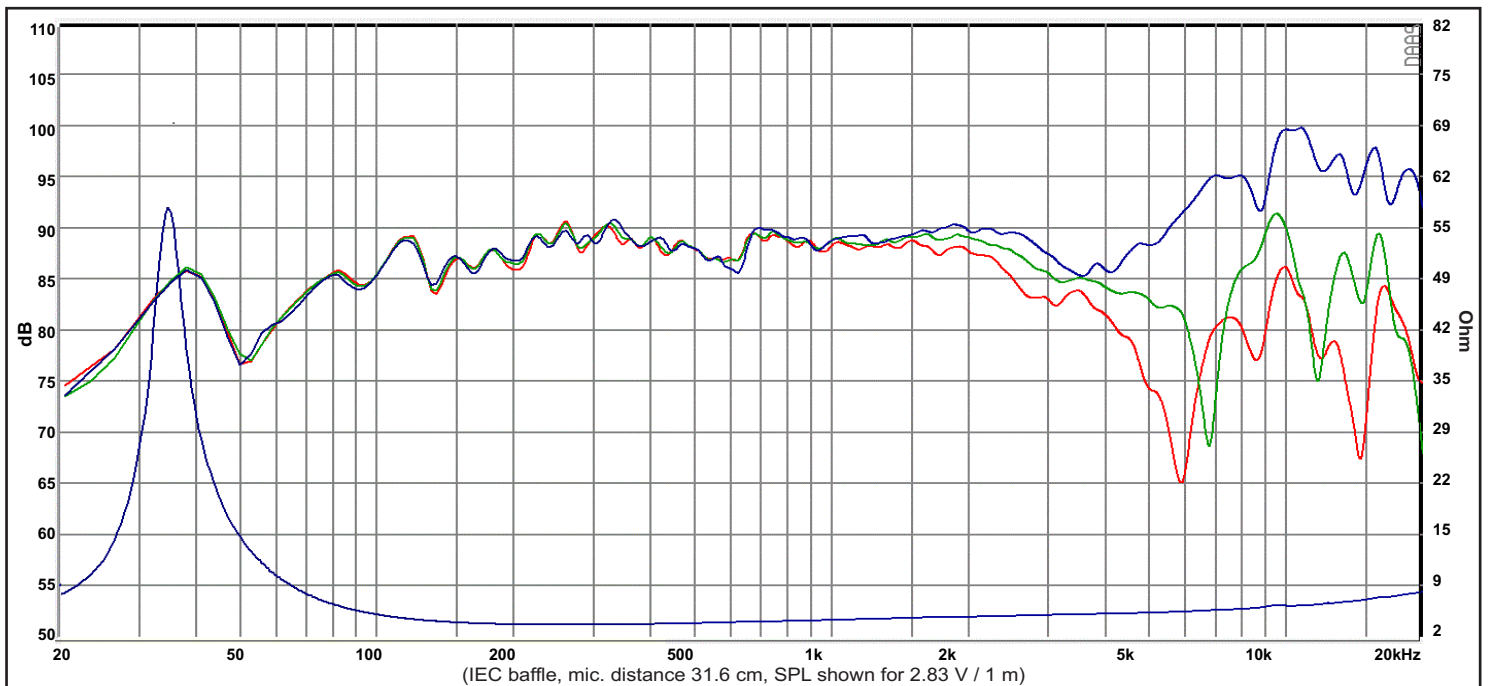
\* IEC 268-5, T/S parameters measured on drive units that are broken in.

### Box recommendations :

**Sealed box** : 6-10 liter  
**Vented box** : 8 liter tuned to 40 Hz

### Conditions:

0.4 ohm additional series resistance  
 Qa = 30 (sealed box only) Qb = 7 (vented box only)  
 Volumes given are effective acoustic volumes



Response Curve :

— (Blue) : on axis      — (Green) : 30° off-axis      — (Red) : 60° off-axis